GEM®

981-10
(Controller)

982-10
(Reader)

RoHS Compliant

● Dimension

44   22.5

88
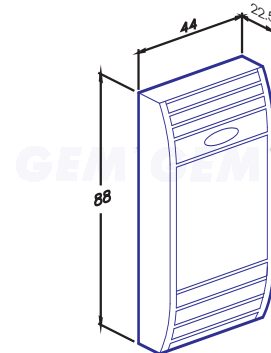
Unit: mm

● Statement

The Easiprox Split system is a low cost stand-alone programmable access control system based on the EM400x proximity tags and cards. The system consists of two units: a controller (981-10) and a separate read head (982-10). The memory and relay circuitry are located on the controller board which can be installed in a secure location up to 50m away.

The read head is rated IP67 and can be installed in an outdoors location. The system can store the codes of 2000 unique tags. Adding and deleting tags is done by simple use of a Master Tag. The optional Tag Simulator / Programming Unit allows the programming (adding & deleting) of lost tags. The Relay can operate in Pulse or Toggle mode.

● Specifications

■ Operating Voltage: 10~14 Vdc or 8~12 V ac .
■ Current Draw: Average 70mA , Peak 110 mA @ 12 V DC
■ Input: request-to-exit, read head.
■ Relays Electric Current: 3A MAX @24Vdc .
■ Memory Volume: 2000 Proximity cards/tokens .
■ Proximity Cards: 125 KHz, EM-400x,64-bit standard R/O
■ Read Range : Up to 10 cm (Depending on local installation
■ Conditions) .
■ Case Material: ABS (UL94V0)
■ Operating Temperature: -20~+70C
■ Ambient Humidity: 5~95% relative humidity non-condensing
  Visual Signals:
   Yellow: Power on
   Green: Add Tags
   Red: Delete Tags
   Yellow/Red: Clear Memory
■ Yellow(flashing): strike mode and timer adjust
  EPROM:Non-volatile memory, System will retain all
■ programs and codes after a total loss of power.
■ Output: Dual relay, N.O. / N.C. / Com. Output (free voltage
  contact)
  Relocking Timer:

● System Features

2,000 cards holder registration provides a powerful extended range for common community application.

Split of units for controller board and reader head in ranging up to 50 M bring out the friendly system device for low cost but high security with anti-tampering as well as convenience and reliability.

Master Card

Field proven unique Master card to add or delete cards holder gives the minimized in convenience of numeric PIN codes password.
and extra computer literacy.

IP67 Rating stands against extremely heavy weather condition while keypad-free configuration always leads no vandalistic.

Optional implement, TS-980 simulator runs to rise satisfactory of cards holder management facilitation.
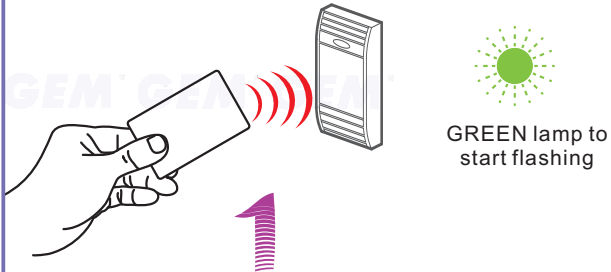
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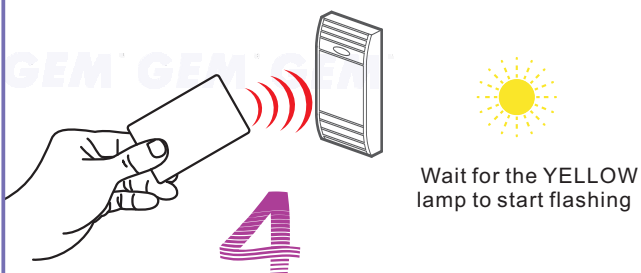## ● Easy Programming

ADD state
Read the Master Tag once

1

GREEN lamp to start flashing

Delete Tags
Read the Master Tag twice

2

RED lamp to start flashing

Clear Memory
Read the Master Tag three times

3

YELLOW and RED lamps to start flashing

Time Adjust and Toggle Mode Selection
Read the Master Tag four times
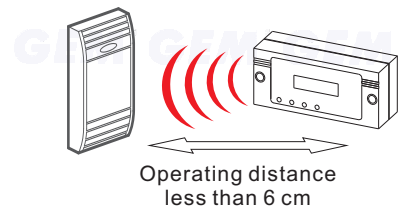

4

Wait for the YELLOW lamp to start flashing

● Optional Accessory

The Tag Simulator is used to add and delete any card/tag number from the reader memory when the tag is lost or not available.

TS-980 simulator

- Unit size : 120 L x 54 W x 38 H mm
- Weight : 180 g
- Operating distance : less than 60 mm
- Battery : PP3 - 9V

Operating distance less than 6 cm

● Warranty

The product is warranted against defects in material and workmanship while used in normal service for a period of 1 year from the date of sale to the original customer. The GEM policy is one of continual development and improvement; therefore GEM reserves the right to change specifications without notice.

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